

Title (en)  
DETECTION OF ANTIGENS

Title (de)  
DETEKTION VON ANTIGENEN

Title (fr)  
DÉTECTION D'ANTIGÈNES

Publication  
**EP 2452198 B1 20160608 (DE)**

Application  
**EP 10731720 A 20100706**

Priority  
• EP 2010004128 W 20100706  
• DE 102009032502 A 20090709

Abstract (en)  
[origin: WO2011003598A2] The invention discloses a method for detecting at least one antigen, comprising the following steps: providing magnetic beads, which are coated with antibodies specific for at least one antigen to be detected; bringing the magnetic beads in contact with a washing buffer that comprises at least 8% BSA and incubating the mixture with a sample; isolating the magnetic beads by means of a magnetic separator; and detecting the antigens bound to the magnetic beads by the antibodies. Washing buffers, primers, kits and devices that can be used for said method are also disclosed.

IPC 8 full level  
**G01N 33/543** (2006.01)

CPC (source: EP US)  
**G01N 33/54333** (2013.01 - EP US)

Citation (examination)  
• H YU ET AL: "Detection of biological threat agents by immunomagnetic microsphere-based solid phase fluorogenic- and electro-chemiluminescence", BIOSENSORS AND BIOELECTRONICS, vol. 14, no. 10-11, 1 January 2000 (2000-01-01), pages 829 - 840, XP055162449, ISSN: 0956-5663, DOI: 10.1016/S0956-5663(99)00068-8  
• SVERRE-HENNING BRORSON: "Bovine serum albumin (BSA) as a reagent against non-specific immunogold labeling on LR-White and epoxy resin", MICRON, vol. 28, no. 3, 1 June 1997 (1997-06-01), pages 189 - 195, XP055192337, ISSN: 0968-4328, DOI: 10.1016/S0968-4328(97)00030-9

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011003598 A2 20110113; WO 2011003598 A3 20110317**; DE 102009032502 A1 20110120; EP 2452198 A2 20120516; EP 2452198 B1 20160608; US 2012171661 A1 20120705; US 9632078 B2 20170425

DOCDB simple family (application)  
**EP 2010004128 W 20100706**; DE 102009032502 A 20090709; EP 10731720 A 20100706; US 201013383167 A 20100706